

- A surface-pressure generating device comprising a stationary 1. platen and a movable platen which can be moved linearly in relation to the stationary platen, further comprising a plurality of guiding tie bars, wherein material to be compressed or molds to be clamped are arranged between said moving platen and said stationary platen, and further comprising a linear motor having primary part and secondary parts, wherein the primary part is arranged on at least one of the tie bars.
- The surface-pressure generating device according to claim 1, 2. wherein the linear motor is an asynchronous motor.
- 3. The surface-pressure generating device according to claim 1, wherein the primary part surrounds the tie bar.